UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

07/24/2006

SMITH, GAMBRELL & RUSSELL, LLP 1850 M Street, NW. Suite 800 Washington, DC 20036 EXAMINER

SMOOT, STEPHEN W

ART UNIT PAPER NUMBER

2813

DATE MAILED: 07/24/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808 485	03/25/2004	Akihiro Shioii	32213M029	5759

TITLE OF INVENTION: METHOD FOR MANUFACTURING SMALL CRYSTAL RESONATOR

APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	10/24/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This appropriate. All further indicated unless correct maintenance fee notifications.	ed below or directed of	for transmitting the IS ng the Patent, advance herwise in Block 1, by	SUE FEE and PUBLICA orders and notification of (a) specifying a new cor	TION FEE (if requ f maintenance fees v respondence address	ired). I will be ; and/or	Blocks 1 through 5 sh mailed to the current r (b) indicating a separ	ould be completed where correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use B	lock I for any change of addre	F	ee(s) Transmittal. Th	is certif il paper	ficate cannot be used for	domestic mailings of the or any other accompanying at or formal drawing, must
SMITH, GAM 1850 M Street, I Suite 800 Washington, DO	BRELL & RUSS NW.	4/2006 ELL, LLP	I S a tr	Center of the control of the control of the control of the Main ansmitted to the USP	rtificate nis Fee(s with suf I Stop TO (57	e of Mailing or Transn s) Transmittal is being ficient postage for first ISSUE FEE address 1) 273-2885, on the da	nission deposited with the United class mail in an envelope above, or being facsimile te indicated below.
washington, De	20030		L				(Depositor's name)
			}-				(Signature)
			L		1		(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO)R	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/808,485	03/25/2004	HEACTIDING CMAI	Akihiro Shioji L CRYSTAL RESONATO	ND.		32213M029	5759
THE OF HAVENTION	, METHOD FOR WALL	ornerenno sinna					
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	E PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0		\$1700	10/24/2006
EXAM	IINER	ART UNIT	CLASS-SUBCLASS				
SMOOT, S	TEPHEN W	2813	438-050000				
1. Change of correspond CFR 1.363).	ence address or indication	n of "Fee Address" (37		patent front page, li		1	
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a				
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required.	lication (or "Fee Address 02 or more recent) attack	" Indication form ned. Use of a Customer	registered attorney of	r agent) and the nam torneys or agents. If	es of u	p to	
			N THE PATENT (print or	•• /			
PLEASE NOTE: Un recordation as set fort	less an assignee is ident th in 37 CFR 3.11. Comp	ified below, no assigned pletion of this form is N	ee data will appear on the IOT a substitute for filing a	patent. If an assign n assignment.	ee is id	lentified below, the do	cument has been filed for
(A) NAME OF ASSI	GNEE		(B) RESIDENCE: (CI	TY and STATE OR (COUNT	RY)	
Please check the appropr	iate assignee category or	r categories (will not be	printed on the notent)	□ Individual □ C	amarati	on or other private group	up entity Government
		categories (will not be	<u> </u>		-		· · · · · · · · · · · · · · · · · · ·
4a. The following fee(s) Issue Fee	are submitted:		4b. Payment of Fee(s): (P		ny prev	riously paid issue fee s	hown above)
Publication Fee (N	No small entity discount p	•	Payment by credit of	ard. Form PTO-2038	is atta	ched.	
Advance Order -	# of Copies		The Director is here overpayment, to De	by authorized to char posit Account Numb	rge the i	required fee(s), any def (enclose an	iciency, or credit any extra copy of this form).
	tus (from status indicate	,				ΓΙΤΥ status. See 37 CF	-
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if req	uired) will not be accep ites Patent and Tradema	oted from anyone other than	the applicant; a reg	stered a	attorney or agent; or the	e assignee or other party in
Typed or printed nam	e ⁻			Registration N	lo	· · · · · · · · · · · · · · · · · · ·	
This collection of informan application. Confiden	nation is required by 37 C	CFR 1.311. The informa	tion is required to obtain of	r retain a benefit by t	he publ	ic which is to file (and	by the USPTO to process)

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandra, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/808,485	10/808,485 03/25/2004 Akihiro Shioji			5759		
7:	590 07/24/2006		EXAM	INER		
SMITH, GAMBRELL & RUSSELL, LLP			SMOOT, ST	SMOOT, STEPHEN W		
1850 M Street, NW.			ART UNIT	PAPER NUMBER		
Suite 800 Washington, DC 20036			2813 DATE MAILED: 07/24/2006			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 190 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 190 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.